CLAIMS:

1. A display device, including a display, arranged for detecting an input position on a screen (301) of said display,
wherein the screen (301) comprises a light guide (302) and a light source (308) arranged to emit light (310) into the light guide (302), the light guide (302) being optically matched with its surroundings in such way that the light (310) emitted from said light source (308) is confined within the light guide (302) by means of total internal reflection, and is extracted from the light guide (302) when a user establishes physical contact with said screen (301) at said input position,
the display device further comprising a light detecting means (303) for detecting the light extracted from the light guide (302) and relate the detecting of said extracted light to said input position.

2. A display device as claimed in Claim 1, wherein the light detecting means comprises a plurality of photo sensors or photo detectors associated with different input positions on the screen (301) of the display.

3. A display device as claimed in Claim 1, wherein the light detecting means (303) is integrated with a substrate of the display.

4. A display device as claimed in Claim 3, wherein the display is an active matrix type display (301).

5. A display device as claimed in Claim 4, wherein the substrate is provided with thin film transistors (510) associated with picture elements of the display screen (301), the light detecting means (303) including said thin film transistors (510).

6. A display device as claimed in Claim 1, wherein the light guide (302) is optically matched with the screen (301).

7. A display device as claimed in Claim 1, wherein the light guide (402) is integrated with a front plate of the display device.

8. A display device as claimed in Claim 1, wherein the light source (308) arranged to emit light into the light guide (302) emits light in the infrared range.

9. A display device as claimed in Claim 1, wherein the light detecting means (303) are provided with an optical filter to increase the selectivity for light extracted from the light guide (302).